

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) On-growth inhibiting agent, for the inhibition and/or prevention of on-growth of biological organisms on objects or living beings, said agent comprising at least one cyclotide, and a suitable carrier medium.

2. (currently amended) Agent according to claim 1, said cyclotide(s) having the general formula

C[X₁ ... X_a] C[X^I₁ ... X^I_b] C[X^{II}₁ ... X^{II}_c] C[X^{III}₁ ... X^{III}_d] C[X^{IV}₁ ... X^{IV}_e] C[X^V₁ ... X^V_f]

wherein

C is cysteine;

each of [X₁ ... X_a], [X^I₁ ... X^I_b], [X^{II}₁ ... X^{II}_c], [X^{III}₁ ... X^{III}_d], [X^{IV}₁ ... X^{IV}_e], and

[X^V₁ ... X^V_f] represents one or more amino acid residues wherein each one or more amino acid residues within or between the sequence residues may be the same or different; and wherein

a, b, c, d, e and f represent the number of amino acid residues in each respective sequence and each of a to f may be the same or different and range from 1 to about 20 (SEQ ID NO: 1);

or an analogue of said sequence.

3. (currently amended) Agent according to claim 1, wherein each of a to f ranges from 1 to about 10 (SEQ ID NO: 2).

4. (currently amended) Agent according to claim 1, wherein a, b, c, d, e and f represent the number of amino acid residues in each respective sequence and wherein a is from about 3 to about 6, b is from about 3 to about 5, c is from about 2 to about 7, d is about 1 to about 3, e is about 3 to about 6, and f is from about 4 to about 9 (SEQ ID NO: 3).

5. (currently amended) Agent according to claim 1, wherein a, b, c, d, e and f represent the number of amino acid residues in each respective sequence and wherein a is about 3, b is about 4, c is from about 4 to about 7, d is about 1, e is about 4 or 5, and f is from about 4 to about 7 (SEQ ID NO: 4).

6. (currently amended) Agent according to claim 1, wherein a, b, c, d, e and f represent the number of amino acid residues in each respective sequence and wherein a is about 6, b is about 4, c is 3, d is about 1, e is about 5, and f is about 8 (SEQ ID NO: 5).

7. (original) Agent according to claim 1, comprising any of the following cyclotides alone or in combination: vico A, vico B, hypa A, cycloviolacin O1, cyclopsychotride A, cycloviolacin O7, circulin D, circulin E, cycloviolin C, cycloviolacin O3, cycloviolacin O9, cycloviolacin O10, cycloviolacin H1, circulin C, cycloviolin A, cycloviolin D, circulin F, circulin A, circulin B, cycloviolacin O2, cycloviolacin O4, cycloviolacin O6, cycloviolacin O11, cycloviolacin O8, cycloviolacin O5, kalata B5, cycloviolin B, varv A, kalata S,

kalata B1, kalata B4, varv E, cycloviolacin O12, varv D, varv C, varv B, varv G, varv H, kalata B2, kalata B3, kalata B6, varv F, kalata B7.

8.(original) Agent according to claim 1, wherein the cyclotide is cycloviolacin 02.

9.(original) A plant extract, comprising a fraction from an extraction process containing a mixture of cyclotides.

10.(original) A plant extract as claimed in claim 9, obtained from Sweet Violet.

11. (previously presented) A method of preventing on-growth of biological organisms on objects or living beings, comprising applying an agent as claimed in claim 1 or on a surface of said object or living being.

12.(previously presented) A product, protected from on-growth of biological organisms by the application of an agent as claimed in claim 1 or on a surface thereof.

13.(previously presented) A method of preventing on-growth of biological organisms on objects or living beings, comprising applying an extract as claimed in claim 9 on a surface of said object or living being.

14.(previously presented) A product, protected from on-growth of biological organisms by the application an extract as claimed in claim 10 on a surface thereof.